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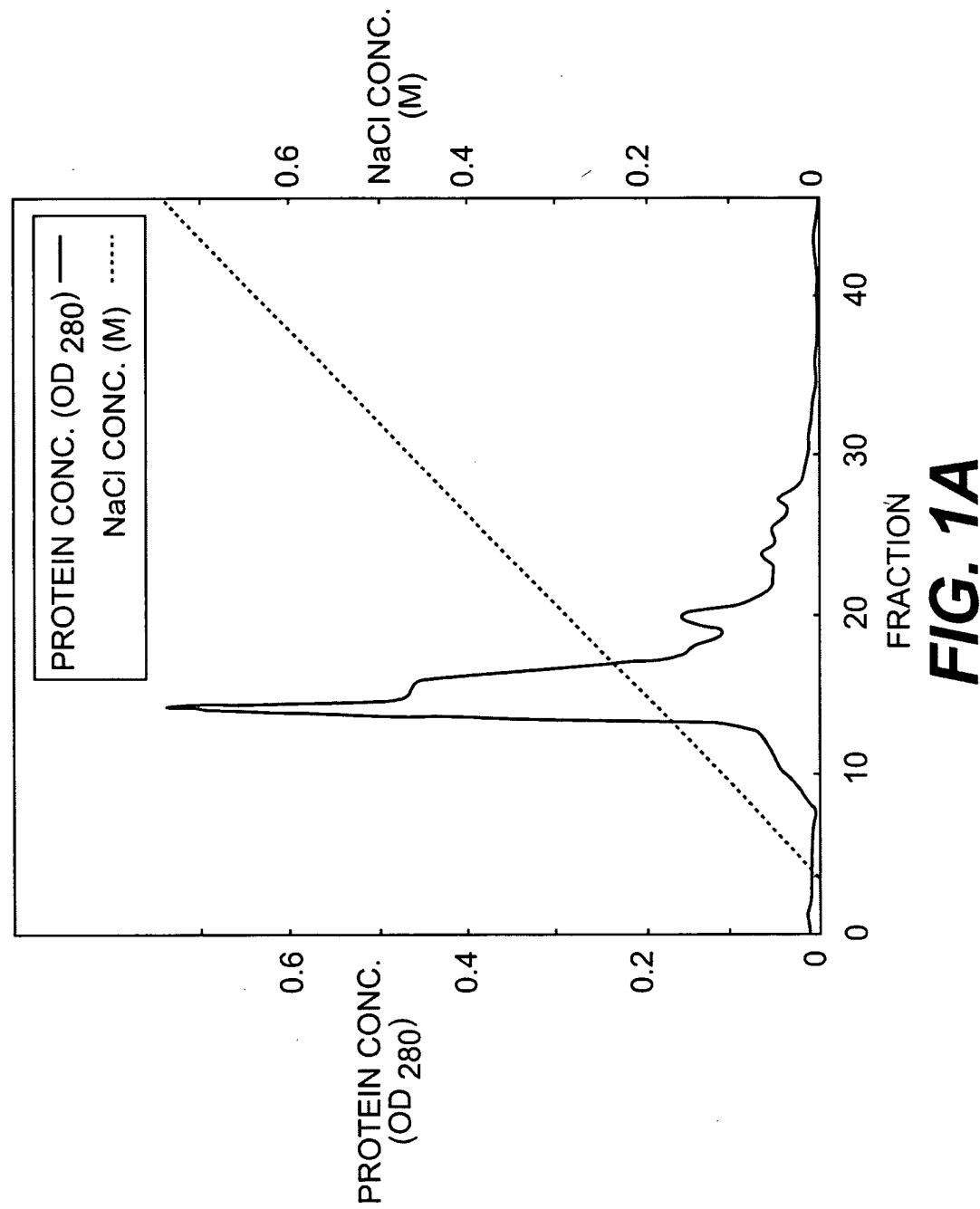
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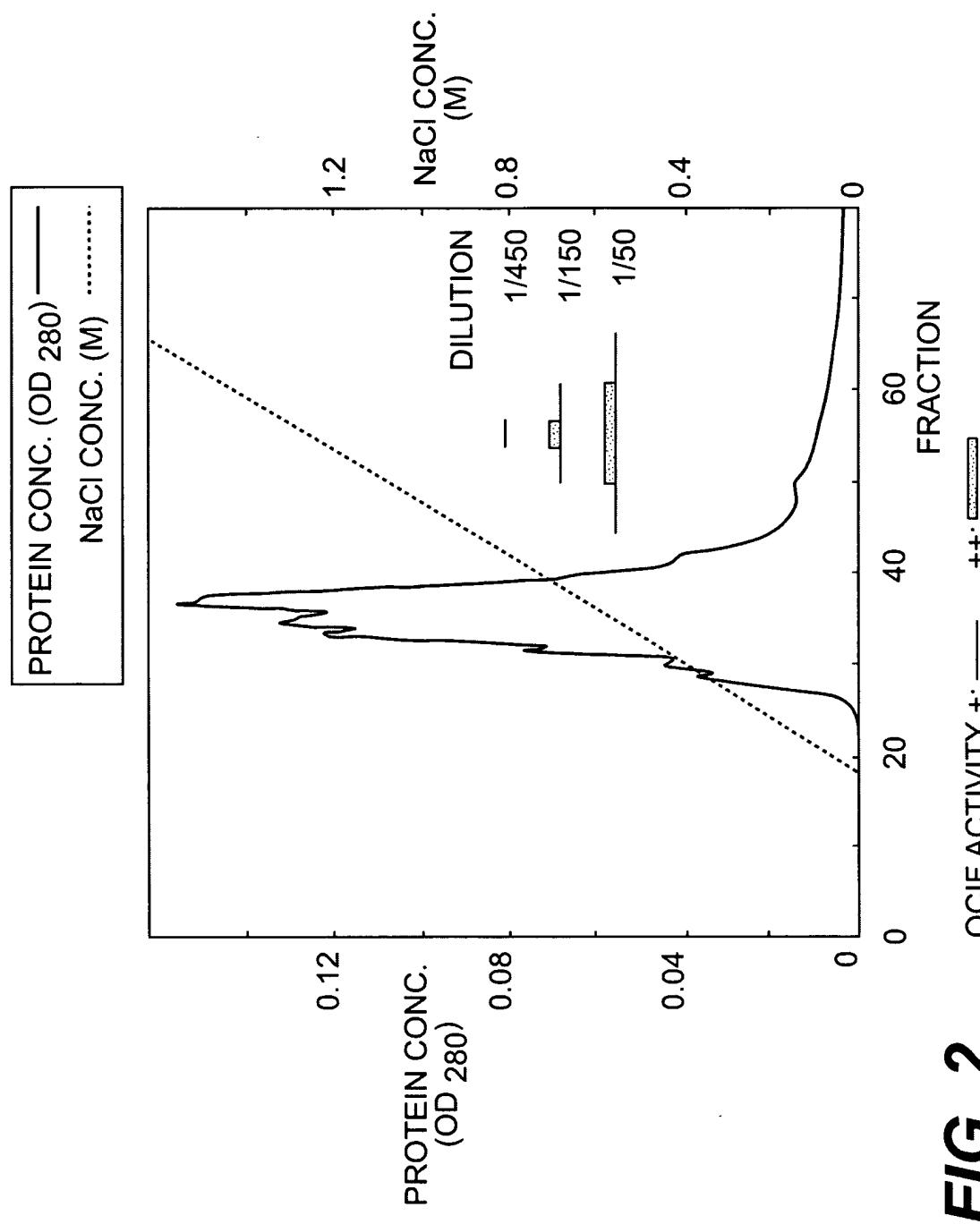
OCIF ACTIVITY

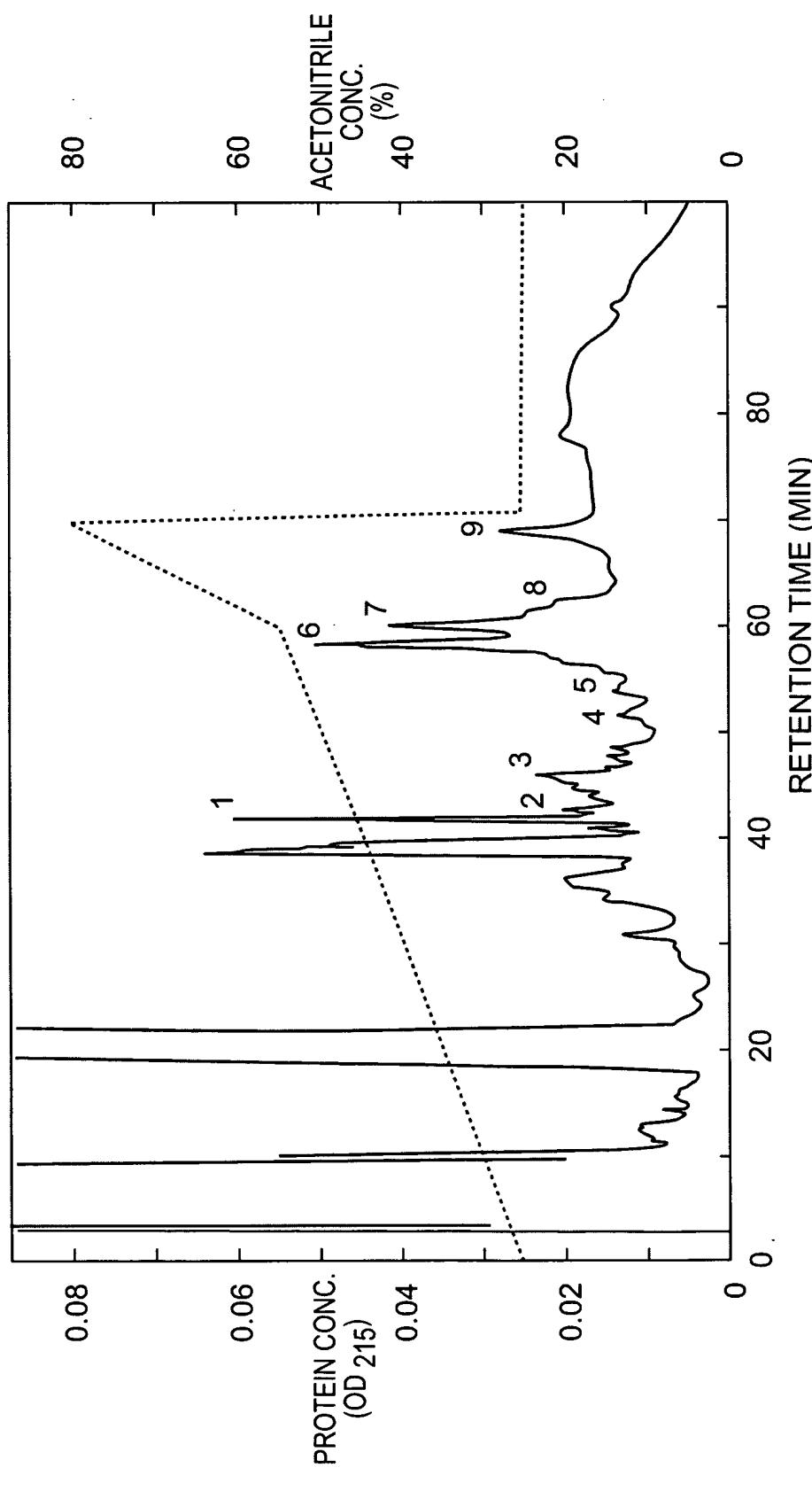
DILUTION	FRACTIONS			
	<u>1-10</u>	<u>11-20</u>	<u>21-30</u>	<u>31-40</u>
1/100	-	++	++	-
1/500	-	++	++	-

FIG. 1B



U.S. Application No. 08/915,004
Novel Proteins and Methods for Producing the Proteins





PROTEIN CONC. (OD 215) —
ACETONITRILE CONC. (%)

FIG. 3

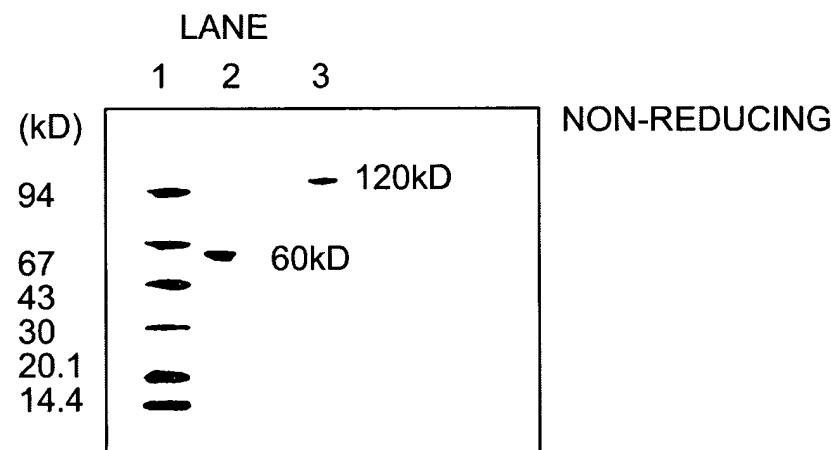


FIG. 4A

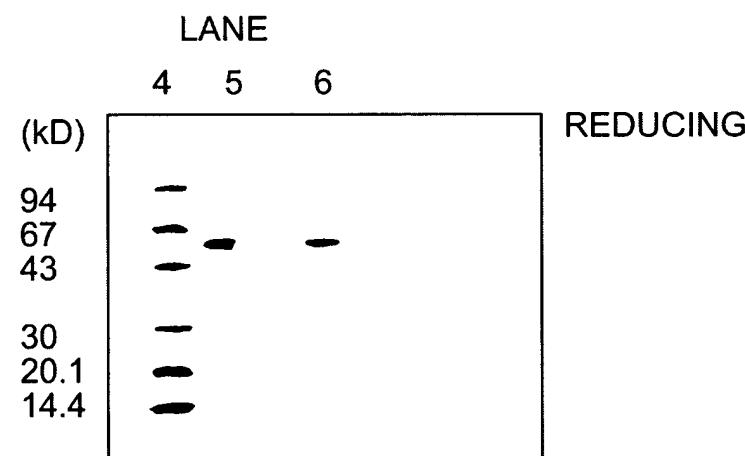


FIG. 4B

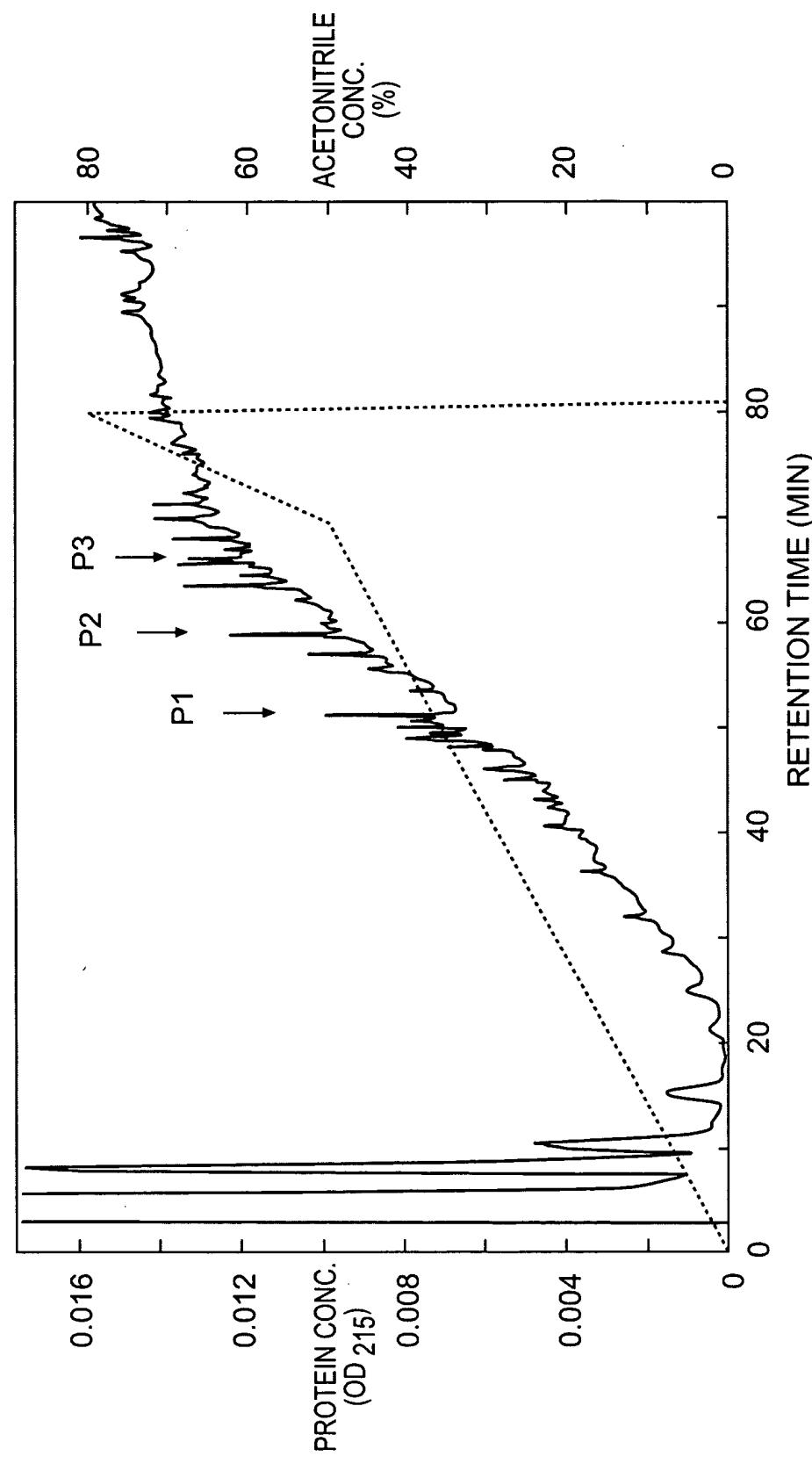


FIG. 5

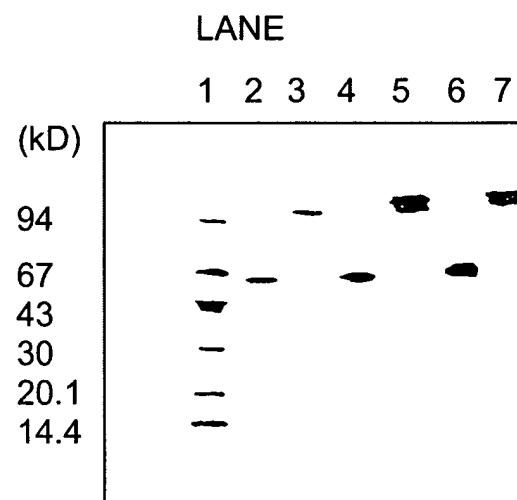


FIG. 6

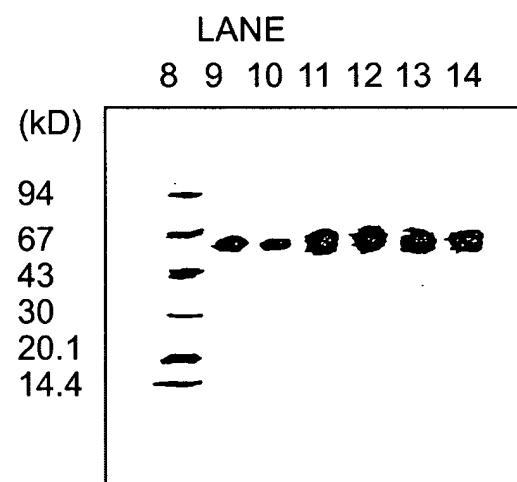


FIG. 7

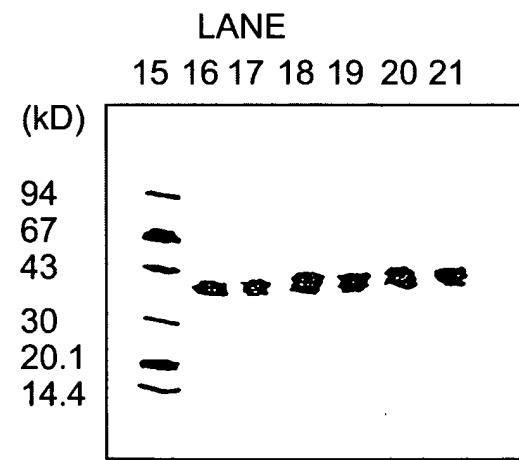


FIG. 8



1
MNNLLCCALVFLDISIKWTTQETFPPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKT (OCIF1, SEQ ID NO:5)

MNNLLCCALVFLDISIKWTTQETFPPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKT (OCIF2, SEQ ID NO:9)
1

61
VCAPCPDHYYTDSWHTSDECLY CSPVC KELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF1, SEQ ID NO:5)

VCAPCPDHYYTDSWHTSDECLY CSPVC K E-----CNRTHNRVCECKEGRYLEIEFCLK (OCIF2, SEQ ID NO:9)
61

121
HRSCPPGFGVQAGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNCSVFGLLLQKGNAT (OCIF1, SEQ ID NO:5)

HRSCPPGFGVQAGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNCSVFGLLLQKGNAT (OCIF2, SEQ ID NO:9)
114

181
HDNICSGNSESTQKCGIDVTLCEEAFFRFAVPTKFTPWNLSVLVDNLPGTKVNAESVERI (OCIF1, SEQ ID NO:5)

HDNICSGNSESTQKCGIDVTLCEEAFFRFAVPTKFTPWNLSVLVDNLPGTKVNAESVERI (OCIF2, SEQ ID NO:9)
174

241
KRQHSSQEQTFLKLWKHQNKDQDIVKKIIQDIDLCENSQRHIGHANLTFEQLRSLME (OCIF1, SEQ ID NO:5)

KRQHSSQEQTFLKLWKHQNKDQDIVKKIIQDIDLCENSQRHIGHANLTFEQLRSLME (OCIF2, SEQ ID NO:9)
234

301
SLPGKKVGAEDIEKTIKACKPSDQILKLLSLWRIKNGDQDTLKGLMHALKHSKTYHFPKT (OCIF1, SEQ ID NO:5)

SLPGKKVGAEDIEKTIKACKPSDQILKLLSLWRIKNGDQDTLKGLMHALKHSKTYHFPKT (OCIF2, SEQ ID NO:9)
294

361
VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNQVQSVKISCL (OCIF1, SEQ ID NO:5)

VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNQVQSVKISCL (OCIF2, SEQ ID NO:9)
354

FIG. 9



1
MNNLLCCALVFLDISIKWTQETFPPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKT (OCIF1, SEQ ID NO:5)
** *****
MNKLLCCALVFLDISIKWTQETFPPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKT (OCIF3, SEQ ID NO:11)
1

61
VCAPCPDHYYTDSWHTSDECLY CSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF1, SEQ ID NO:5)

VCAPCPDHYYTDSWHTSDECLY CSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF3, SEQ ID NO:11)
61

121
HRSCPPGFVVQAGTPERNTVKRCPDGFFSNETSSKAPCRKHTNCVFGLLTQKGNAT (OCIF1, SEQ ID NO:5)

HRSCPPGFVVQAGTPERNTVKRCPDGFFSNETSSKAPCRKHTNCVFGLLTQKGNAT (OCIF3, SEQ ID NO:11)
121

181
HDNICSGNSESTQKCGIDVTLCCEAFFRFAVPTKFTPWNLSVLVDNLPGTKVNAESVERI (OCIF1, SEQ ID NO:5)

HDNICSGNSESTQKCGIDVTLCCEAFFRFAVPTKFTPWNLSVLVDNLPGTKVNAESVERI (OCIF3, SEQ ID NO:11)
181

241
KRQHSSQEQTFLQLKLWKHQNKDQDIVKKIIQDIDLCENSQRHIGHANLTQEQLRSLME (OCIF1, SEQ ID NO:5)

KRQHSSQEQTFLQLKLWKHQNKDQDIVKKIIQDIDLCENSQRHIGHANLS----- (OCIF3, SEQ ID NO:11)
241

301
SLPGKKVGAEDIEKTIKACKPSDQILKLLSLWRIKNGDQDTLKGLMHALKHSKTYHFPKT (OCIF1, SEQ ID NO:5)

-----LWRIKNGDQDTLKGLMHALKHSKTYHFPKT (OCIF3, SEQ ID NO:11)
292

361
VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNQVQSVKISCL (OCIF1, SEQ ID NO:5)

VTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNQVQSVKISCL (OCIF3, SEQ ID NO:11)
322

FIG. 10



1
MNNLLCCALVFLDISIKWTQETFPPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKT (OCIF1, SEQ ID NO:5)
** *****
MNKLLCCSLVFLDISIKWTQETFPPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKT (OCIF4, SEQ ID NO:13)
1

61
VCAPCPDHYYTDSWHTSDECLY CSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF1, SEQ ID NO:5)

VCAPCPDHYYTDSWHTSDECLY CSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF4, SEQ ID NO:13)
61

121
HRSCPPGFGVVQAGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNCSVFGLLLQKGNAT (OCIF1, SEQ ID NO:5)

HRSCPPGFGVVQAGTCQCAAKLIRIMQSIVVTV (OCIF4, SEQ ID NO:13)
121

FIG. 11

1
MNNLLCCALVFLDISIKWTQETFPPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKT (OCIF1, SEQ ID NO:5)
** *****
MNKLLCCALVFLDISIKWTQETFPPKYLHYDEETSHQLLCDKCPPGTYLKQHCTAKWKT (OCIF5, SEQ ID NO:15)
1

61
VCAPCPDHYYTDSWHTSDECLY CSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF1, SEQ ID NO:5)

VCAPCPDHYYTDSWHTSDECLY CSPVCKELQYVKQECNRTHNRVCECKEGRYLEIEFCLK (OCIF5, SEQ ID NO:15)
61

121
HRSCPPGFGVVQAGTPERNTVCKRCPDGFFSNETSSKAPCRKHTNCSVFGLLLQKGNAT (OCIF1, SEQ ID NO:5)
***** *
HRSCPPGFGVVQAGCRRRPKPQICI (OCIF5, SEQ ID NO:15)
121

FIG. 12

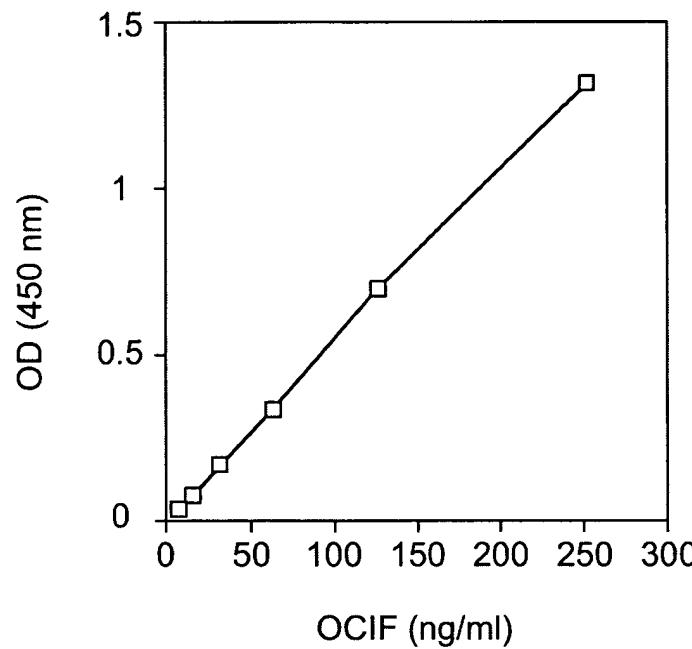


FIG. 13

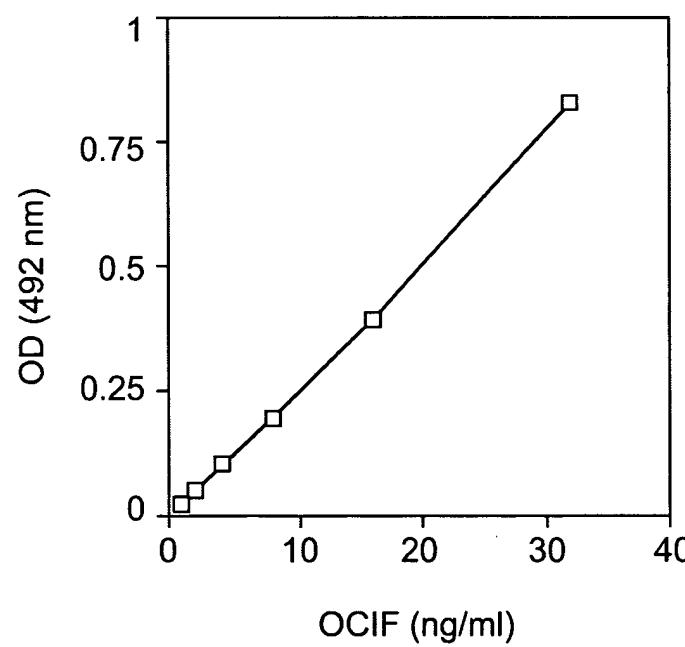
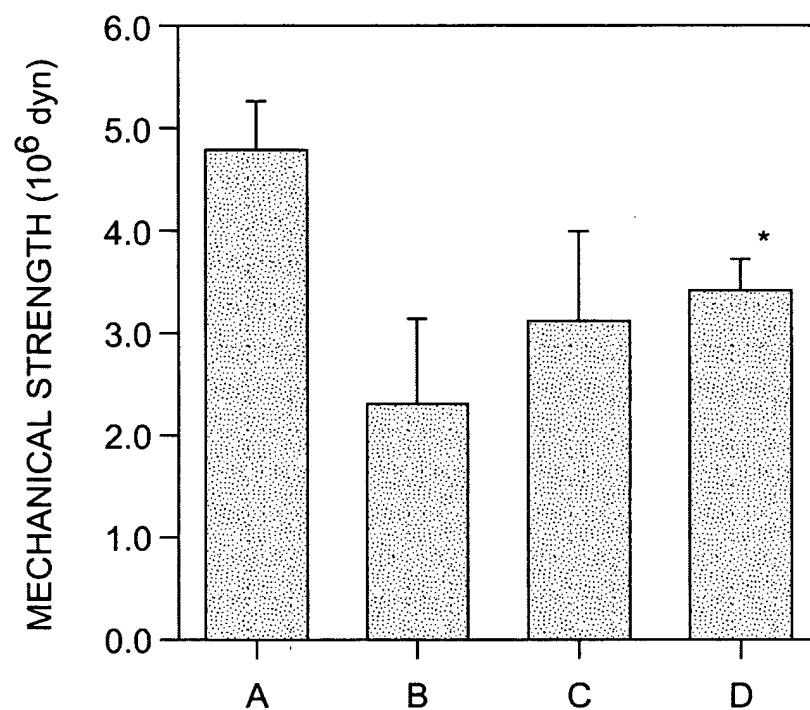


FIG. 14



- A: NORMAL RAT
- B: DENERVERD RAT + VEHICLE
- C: DENERVERD RAT + OCIF 10 μ g/kg/day
- D: DENERVERD RAT + OCIF 100 μ g/kg/day

FIG. 15